

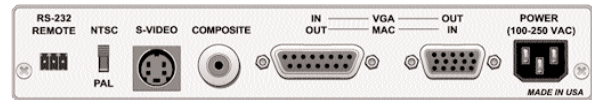
A low-cost, yet surprisingly high-performance, scan converter for high resolution conversion (up to 1280 x 1024 at 60 Hz)

Scan Do® Select is the latest addition to the award-winning Scan Do family, offering just the right set of features, low cost, and the highest quality video to be found in its price class. Scan Do Select accepts video input from computers with horizontal sync frequencies as high as 71 kHz, including those running at resolutions of 1280 x 1024 @ 60 Hz vertical refresh, and converts it to standard TV video in NTSC and PAL formats. Scan Do Select's adaptive sync processing ensures that all VGA and Mac® computer types are supported, as are computer video signals coming from a universal computer interface.

Scan Do Select offers an extensive list of standard features. Image zoom, shrink and positioning controls allow for proper sizing and viewing of the image. An RS-232 remote control provides for easy system integration. A built-in

color bar generator aids in proper set up and testing. An image freeze control "freezes" the image on screen, independent of the computer input. And, despite its compact size, Scan Do Select features a completely internal universal input power supply – a convenient feature usually not found on comparable products.

Scan Do Select outputs high resolution composite and S-video in both NTSC and PAL. Image stability and crispness is achieved through a sophisticated three-line flicker reduction process. The unit is supplied with our unique VGA/Mac turnaround input cable for ease of use. Optional rackmount kits are also available.



Rear view of Scan Do Select

SCAN DO
SELECT



STANDARD FEATURES INCLUDE:

- Supports up to 1280 x 1024 @ 60 Hz
- Input computer sync range from 31 to 71 kHz
- Multi-step zoom with H&V positioning: 0.85x, 1.0x, 1.3x, 1.6x, 2.0x
- Internal, universal input power supply; no external "brick"
- Advanced three-line flicker reduction
- Input zoom processing for true increase in resolution when zooming
- Adaptive computer sync processing
- Composite and S-video outputs in NTSC and PAL
- Built-in color bar generator

- RS-232 remote control
- Image freeze
- Single cable for VGA and Mac operation

WARRANTY

Scan Do Select is backed by a three-year warranty on parts and labor plus a 30-day satisfaction guarantee.

SPECIFICATIONS

Equipment Included:

- Scan Do Select
- AC line cord
- 6 ft. VGA/Mac input cable
- 12 ft. BNC to BNC output cable
- 12 ft. S-video cable
- User Manual
- BNC-M to RCA-F Adapter

Input:

- Sync frequency range: 31-71 kHz (320 x 200 to 1280 x 1024 @ 60Hz), analog RGB, non-interlaced resolutions
- Input Impedance: RGB- 75 ohms Sync-high impedance
- Input Sync Types Supported: Separate H & V, Composite sync (with or without serration), Sync-on-green
- Input Loop-through: Passive on unused connector

Output:

- Composite and S-video (simultaneous)
- NTSC and PAL (switchable)

Input/Output Connectors:

- HD-15F for Mac input and DB-15F for VGA input (using supplied reversible input cable)
- DB-15F for Mac output, HD-15F for VGA output
- Composite video output: BNC-F connector
- S-Video output: 4-pin mini-DIN-F
- Remote Control: RS-232 on 3-pin "Phoenix" type connector

Dimensions:

7.25 W x 1.5 H x 8 D in.
(184.1 W x 38.1 H mm)

Power:

Internal universal input AC power supply.
Input: 100-250 VAC, 47-63 Hz, UL/CSA/TUV/CE approved. IEC 320 connector.

Computer and Video Processing:

- Input sampling: 24-bit (8 bits per RGB)
- Samples: 720 per line
- Computer mode detection: auto measurement
- Video processing: 24-bit separate RGB
- Video memory: 720 x 740 x 16 bits (1 video frame)
- Video encoding: 16-bit 4:2:2 YUV with 10-bit output D/A
- Zoom/Shrink ratios: 5
- Differential gain: < 1%
- Differential Phase: < 1 degree
- Frequency response: 6.5 MHz (-3 dB)

ORDERING INFORMATION

<u>ITEM#</u>	<u>DESCRIPTION</u>
1290	Scan Do Select
1206	5 x BNC input cable, RGBHV, 6-ft.
1156	4 x BNC input cable, RGBS, 3-ft.

NOTE: Scan Do Select is available with international line cords. Please call for part number and pricing. See "Cables and Rackmounts" section for rackmount information.

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